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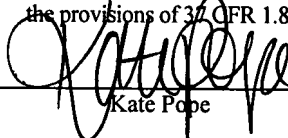
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>	)	<b>Docket No.:</b>	<b>4276-103</b>
<b>Applicants:</b>	)	<b>Conf. No.:</b>	<b>8043</b>
<b>Application No.:</b>	)	<b>Art Unit:</b>	<b>1753</b>
<b>Date Filed:</b>	)	<b>Examiner:</b>	<b>Not Yet Assigned</b>
<b>Title:</b>	)	<b>Customer No.:</b>	
<b>METHOD FOR DETECTING</b>	)		
<b>ANALYTES BY MEANS OF</b>	)		
<b>AN ANALYTE/POLYMERIC</b>	)		
<b>ACTIVATOR BILAYER</b>	)		
<b>ARRANGEMENT</b>	)		

**23448**

**FIRST CLASS MAIL CERTIFICATE**

I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313, First Class Mailed under the provisions of 37 CFR 1.8.

  
Kate Pope

**August 15, 2007**  
Date of Mailing

**FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN**  
**U.S. PATENT APPLICATION NO. 10/577,293**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached Form(s) PTO/SB/08a and/or PTO/SB/08b. One copy of each foreign patent and each non-patent publication cited is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that

the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Respectfully submitted,



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Attorney for Applicants

**INTELLECTUAL PROPERTY/  
TECHNOLOGY LAW**  
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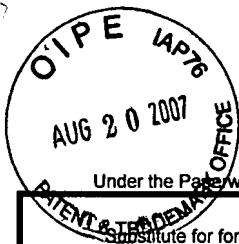
**Enclosures:**

**IDS Form(s) [ 2 pg(s).]**

**Foreign Patent References [ 64 pgs.]**

**Non-Patent References [ 12 pgs.]**


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PTO/SB/08a (04-07)

Approved for use through 09/30/2007. OMB 0651-0031  
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<div style="text-align: center;">  <p>Substitute for form 1449A/PTO</p> <h1 style="margin: 0;">FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h1> <p style="margin: 0;"><i>(Use as many sheets as necessary)</i></p> </div>				<b>Complete if Known</b>	
				Application Number	10/577,293
				Filing Date	4/29/2006
				First Named Inventor	Gao et al.
				Art Unit	1753
				Examiner Name	
				Attorney Docket Number	4276-103
Sheet	1	of	2		

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	AW	WO - 03/025257 - A1	03-27-2003	Heller, Adam, et al.		

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO <b>FIRST SUPPLEMENTAL          INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/577,293
				Filing Date	4/29/2006
				First Named Inventor	Gao et al.
				Art Unit	1753
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Sheet	2	of	2		

[illegible]

Examiner Signature		Date Considered	
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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